

QTY -041	P/N	DESCRIPTION
X	D5810-041	XL BASKET BODY, LH
1	D5794-5	SPINE
1	D5803-7	AFT END MESH
1	D5803-9	FWD END MESH
2	D5808-3	SPINE
1	D5808-9	CUTOUT SIDE
2	D5810-3	LONG RIM
1	D5810-5	HINGE SUPPORT
4	D5810-7	HINGE RIB
2	D5810-9	SPINE
1	D5810-11	CUTOUT BOTTOM
1	D5810-13	BODY MESH
2	D5810-15	CAP
2	D5815-041	ATTACHMENT HOOP
4	D5815-9	HOOP
2	D5853-043	BASKET RIM WELDMENT

D5853-043  
BASKET RIM WELDMENT  
2 PL

25.50

2 PL

97.00

56.25

D5810-5  
HINGE SUPPORT

D5810-7 HINGE RIB  
4 PL

D5810-15 CAP  
2 PL

22.50

10.75  
5 PL

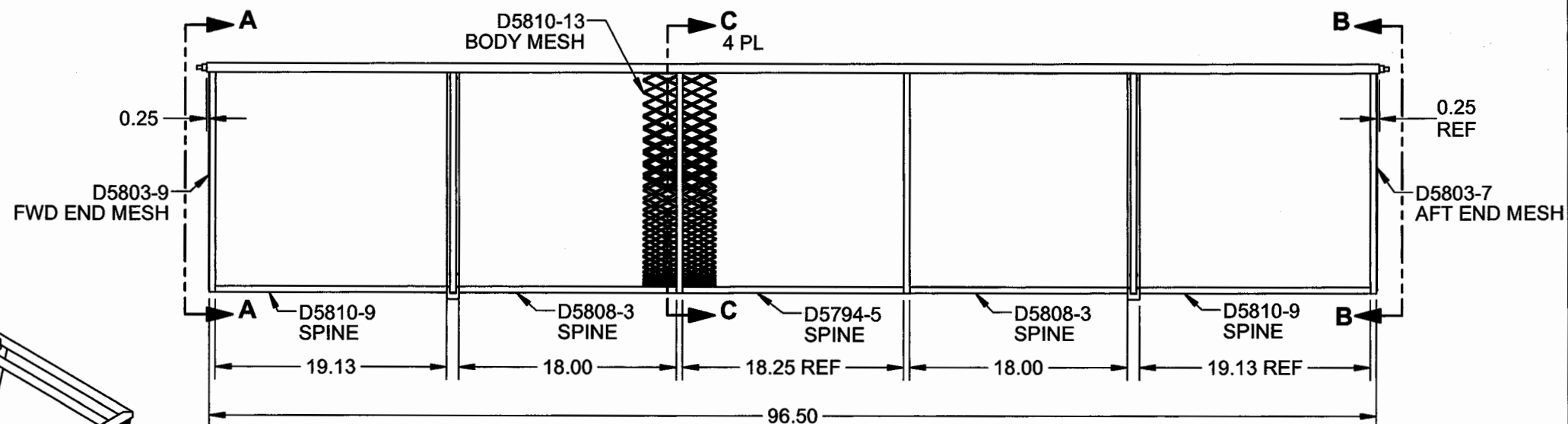
4 PL

D5810-3  
LONG RIM  
2 PL

EVERY MESH  
INTERSECTION  
ON SPINES

4 PL

D5808-9  
CUTOUT SIDE  
D5810-11  
CUTOUT BOTTOM  
D5815-9  
HOOP  
D5815-041  
ATTACHMENT HOOP  
D5815-9  
HOOP  
D5815-041  
ATTACHMENT HOOP  
D5815-9  
HOOP



**D5810-041 XL BASKET BODY, LH**  
(DERIVED FROM AERO DESIGN P/N 94011-01)  
(MESH SHOWN LOCALLY FOR CLARITY)

- NOTES:**
- 1) MATERIAL: N/A
  - 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
  - 7) WEIGHT: 43.21 lbs
  - 8) WELD PER DART QSI 004. IT IS PERMISSIBLE TO BUFF OR GRIND TO CLEAN UP WELDS
  - 9) DRILL #30 ( $\phi 0.129$ ) VENT HOLES AS REQUIRED. FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD PRIOR TO FINISH.
  - 10) WELD FIRST 5 MESH INTERSECTIONS DOWN EACH SIDE THEN EVERY 2ND INTERSECTION ON HOOP MINIMUM

**RELEASED**

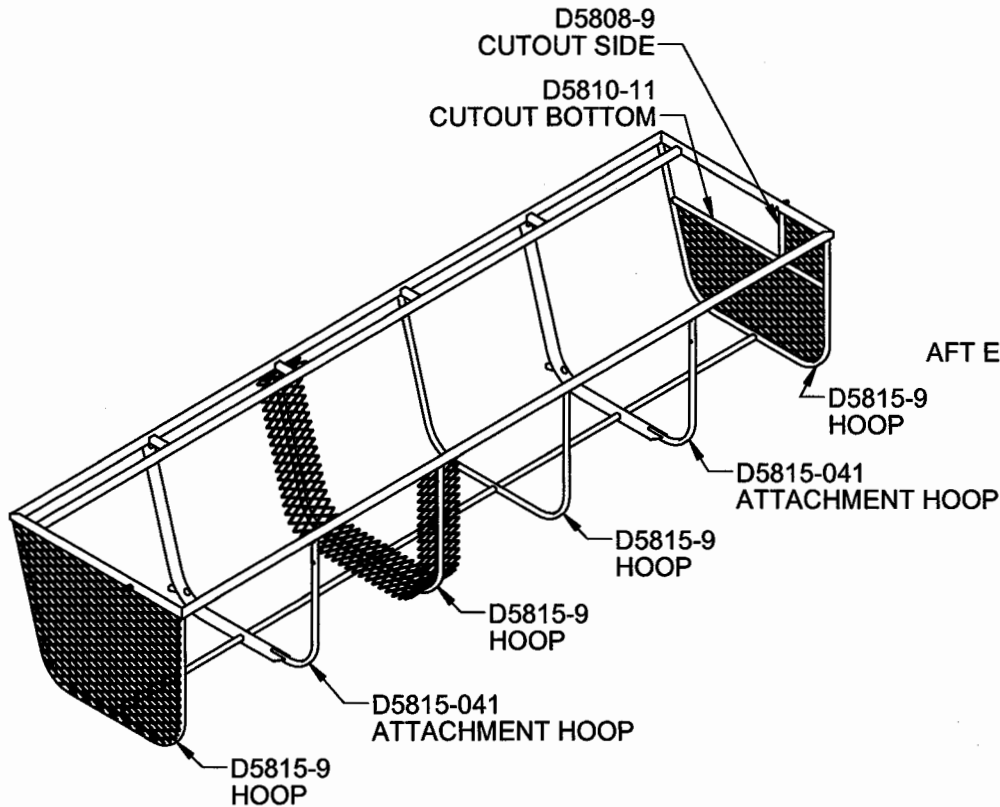
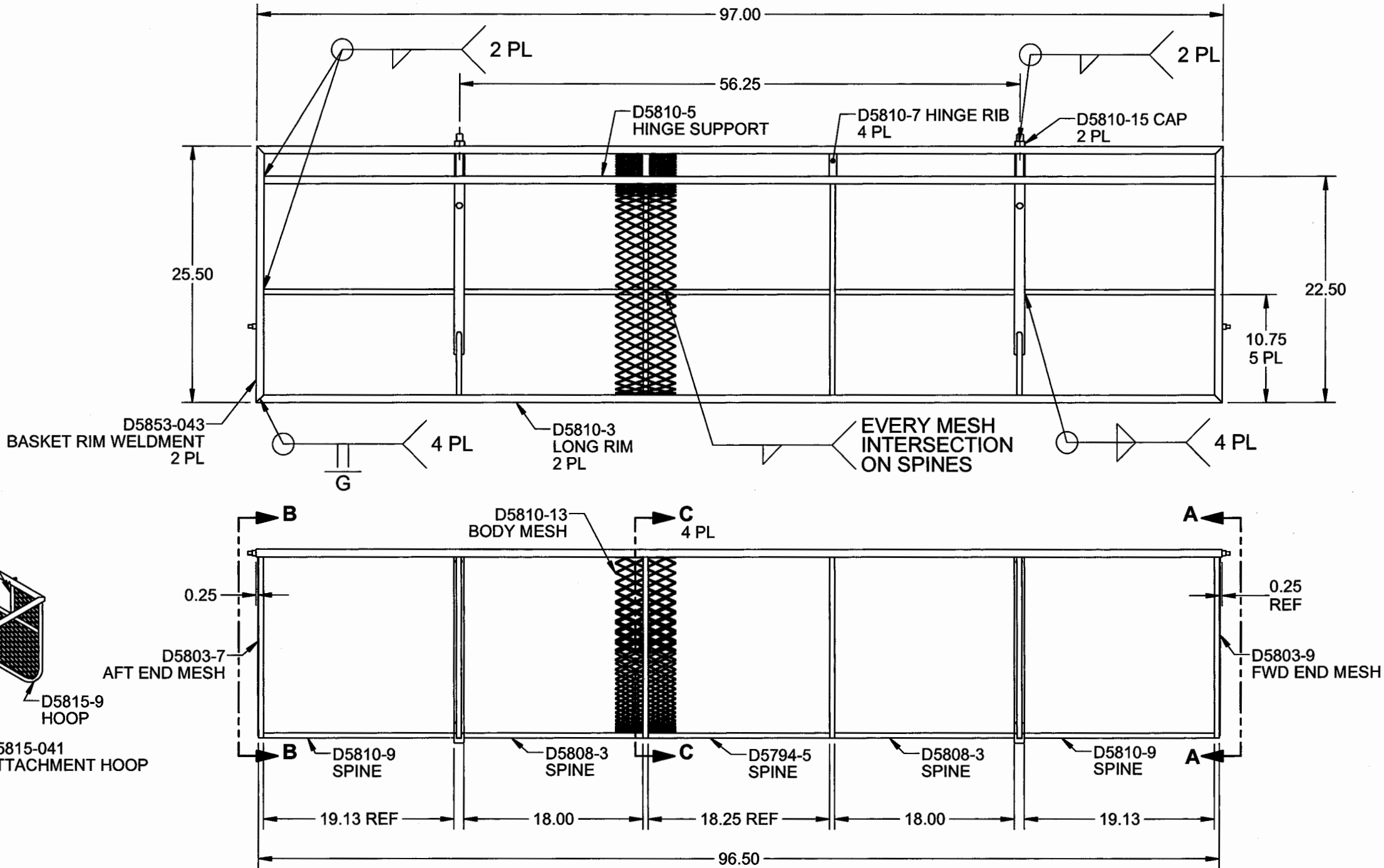
2021 MAR 16

H3 ECR ZP-132

APPROVED

B	SHT 4&5: UPDATED NOTE 1. SHT 6: ADDED NOTE 8. SHT 7: CAP SIZE REDUCED.	JC	20.12.03
A	NEW ISSUE	ZF	20.01.20
REV.	DESCRIPTION	BY	DATE
DESIGN	ZF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	JC		
CHECKED	SAD	DRAWING NO. REV. B	
MFG. APPR.	DD	D5810 SHEET 1 OF 7	
APPROVED	CP	TITLE SCALE	
DE APPR.	CP	XL BASKET BODY NTS	
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QTY -042	P/N	DESCRIPTION
X	D5810-042	XL BASKET BODY, RH
1	D5794-5	SPINE
1	D5803-7	AFT END MESH
1	D5803-9	FWD END MESH
2	D5808-3	SPINE
1	D5808-9	CUTOUT SIDE
2	D5810-3	LONG RIM
1	D5810-5	HINGE SUPPORT
4	D5810-7	HINGE RIB
2	D5810-9	SPINE
1	D5810-11	CUTOUT BOTTOM
1	D5810-13	BODY MESH
2	D5810-15	CAP
2	D5815-041	ATTACHMENT HOOP
4	D5815-9	HOOP
2	D5853-043	BASKET RIM WELDMENT



**D5810-042 XL BASKET BODY, RH**  
(MESH SHOWN LOCALLY FOR CLARITY)

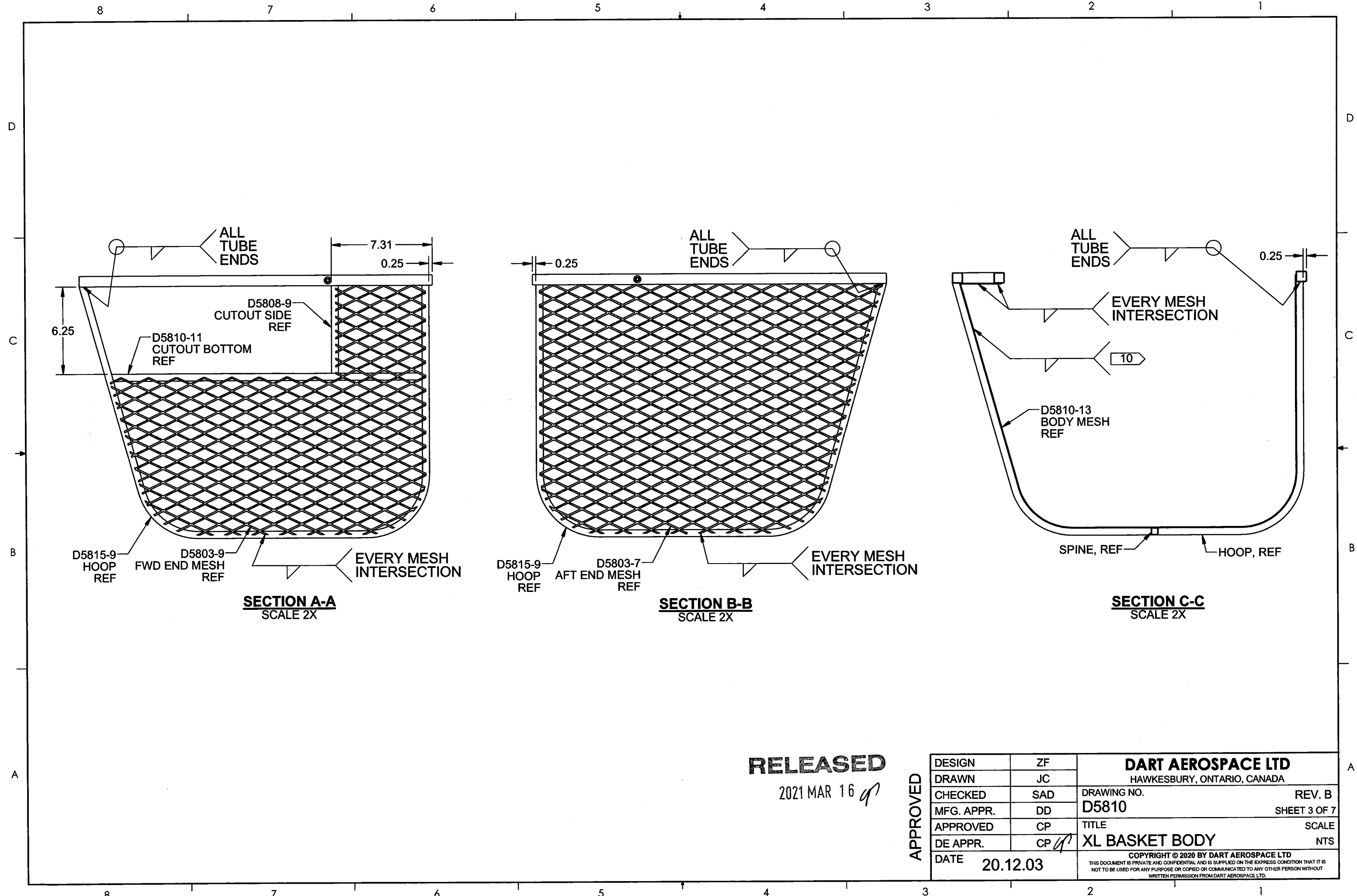
- NOTES:**
- 1) MATERIAL: N/A
  - 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
  - 7) WEIGHT: 43.16 lbs
  - 8) WELD PER DART QSI 004. IT IS PERMISSIBLE TO BUFF OR GRIND TO CLEAN UP WELDS
  - 9) DRILL #30 (Ø0.129) VENT HOLES AS REQUIRED. FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD PRIOR TO FINISH.
  - 10) WELD FIRST 5 MESH INTERSECTIONS DOWN EACH SIDE THEN EVERY 2ND INTERSECTION ON HOOP MINIMUM

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2021 MAR 16

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DESIGN	ZF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	JC		
CHECKED	SAD	DRAWING NO.	REV. B
MFG. APPR.	DD	<b>D5810</b>	SHEET 2 OF 7
APPROVED	CP	TITLE	SCALE
DE APPR.	CP	<b>XL BASKET BODY</b>	NTS
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DRAWN	JC		
CHECKED	SAD	DRAWING NO.	REV. B
MFG. APPR.	DD	<b>D5810</b>	SHEET 3 OF 7
APPROVED	CP	TITLE	SCALE
DE APPR.	CP	<b>XL BASKET BODY</b>	NTS
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8

7

6

5

4

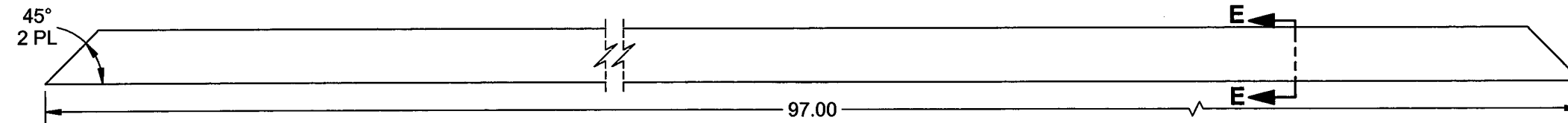
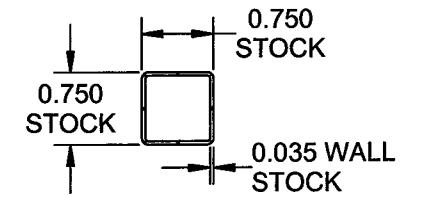
3

2

1

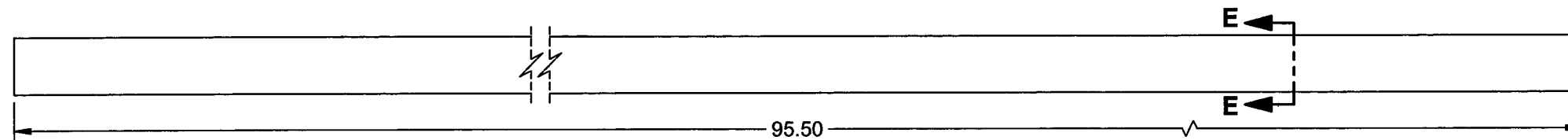
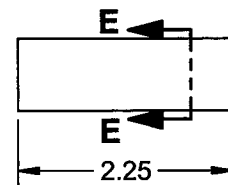
D

D

**D5810-3 LONG RIM****SECTION E-E**

C

C

**D5810-5 HINGE SUPPORT****D5810-7 HINGE RIB**

B

B

**NOTES:**

- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 3/4 X 0.035 WALL  
PER MIL-T-6736 OR AMS 6371/6360/6373  
REF DART SPEC M4130N-TS0.750W.035
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: -3: 2.64 lbs  
-5: 2.62 lbs  
-7: 0.06 lbs

A

A

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2021 MAR 16

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DESIGN	ZF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	JC		
CHECKED	SAD	DRAWING NO.	REV. B
MFG. APPR.	DD	<b>D5810</b>	SHEET 4 OF 7
APPROVED	CP	TITLE	SCALE
DE APPR.	CP	<b>XL BASKET BODY</b>	NTS
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8

7

6

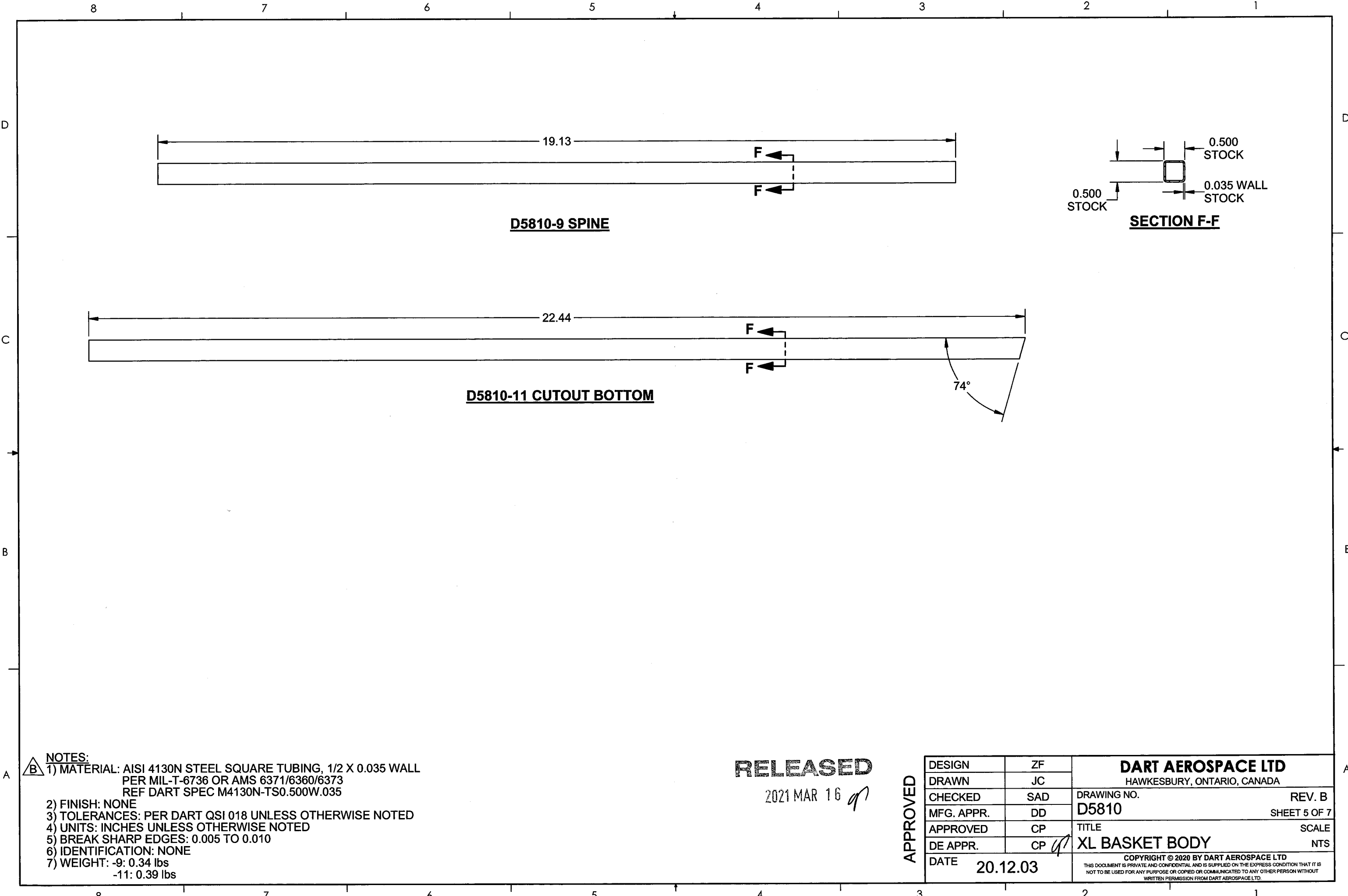
5

4

3

2

1

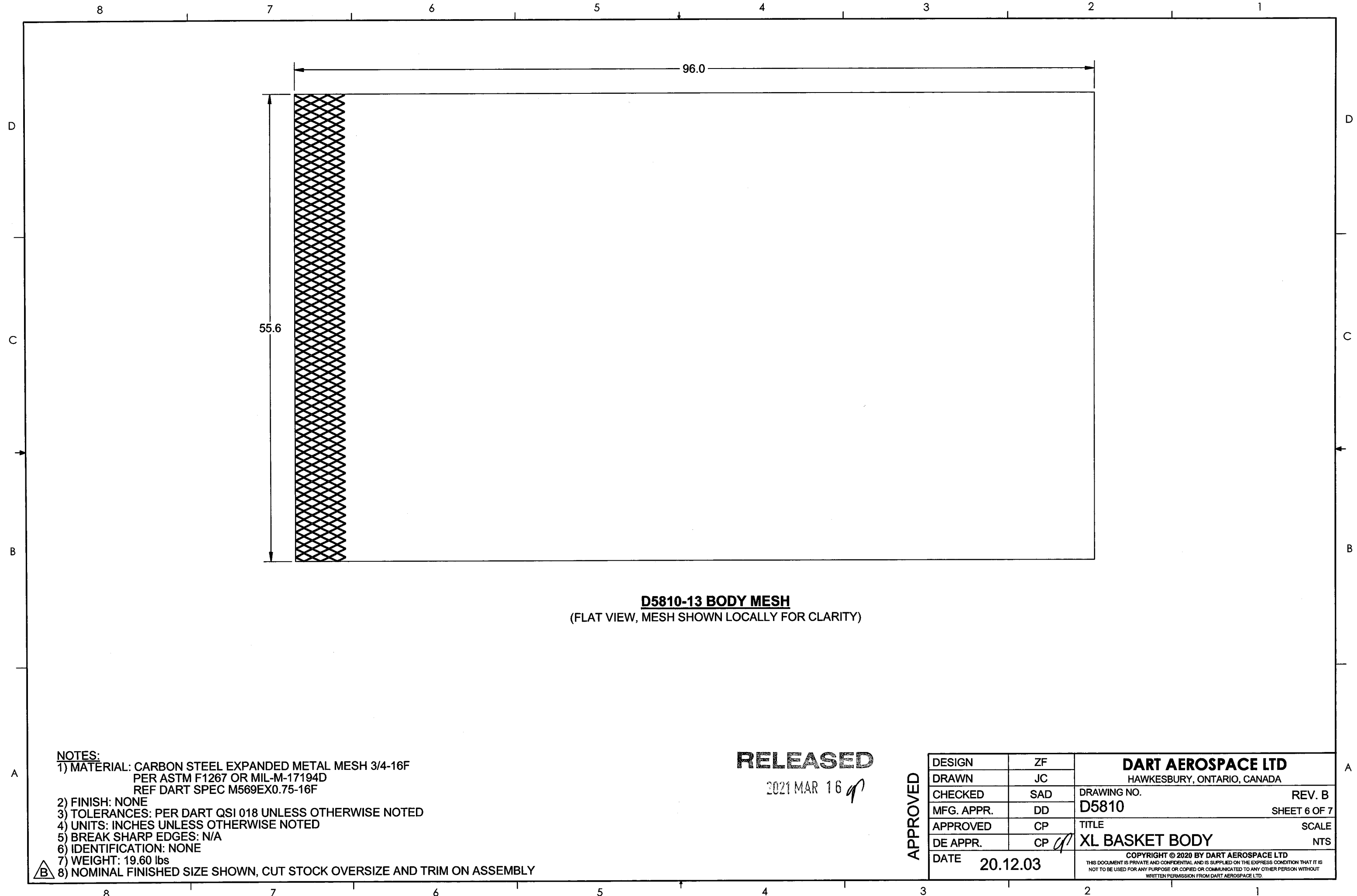


- NOTES:**
- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 1/2 X 0.035 WALL  
PER MIL-T-6736 OR AMS 6371/6360/6373  
REF DART SPEC M4130N-TS0.500W.035
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010
  - 6) IDENTIFICATION: NONE
  - 7) WEIGHT: -9: 0.34 lbs  
-11: 0.39 lbs

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DESIGN	ZF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	JC		
CHECKED	SAD	DRAWING NO.	REV. B
MFG. APPR.	DD	<b>D5810</b>	SHEET 5 OF 7
APPROVED	CP	TITLE	SCALE
DE APPR.	CP	<b>XL BASKET BODY</b>	NTS
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**D5810-13 BODY MESH**  
(FLAT VIEW, MESH SHOWN LOCALLY FOR CLARITY)

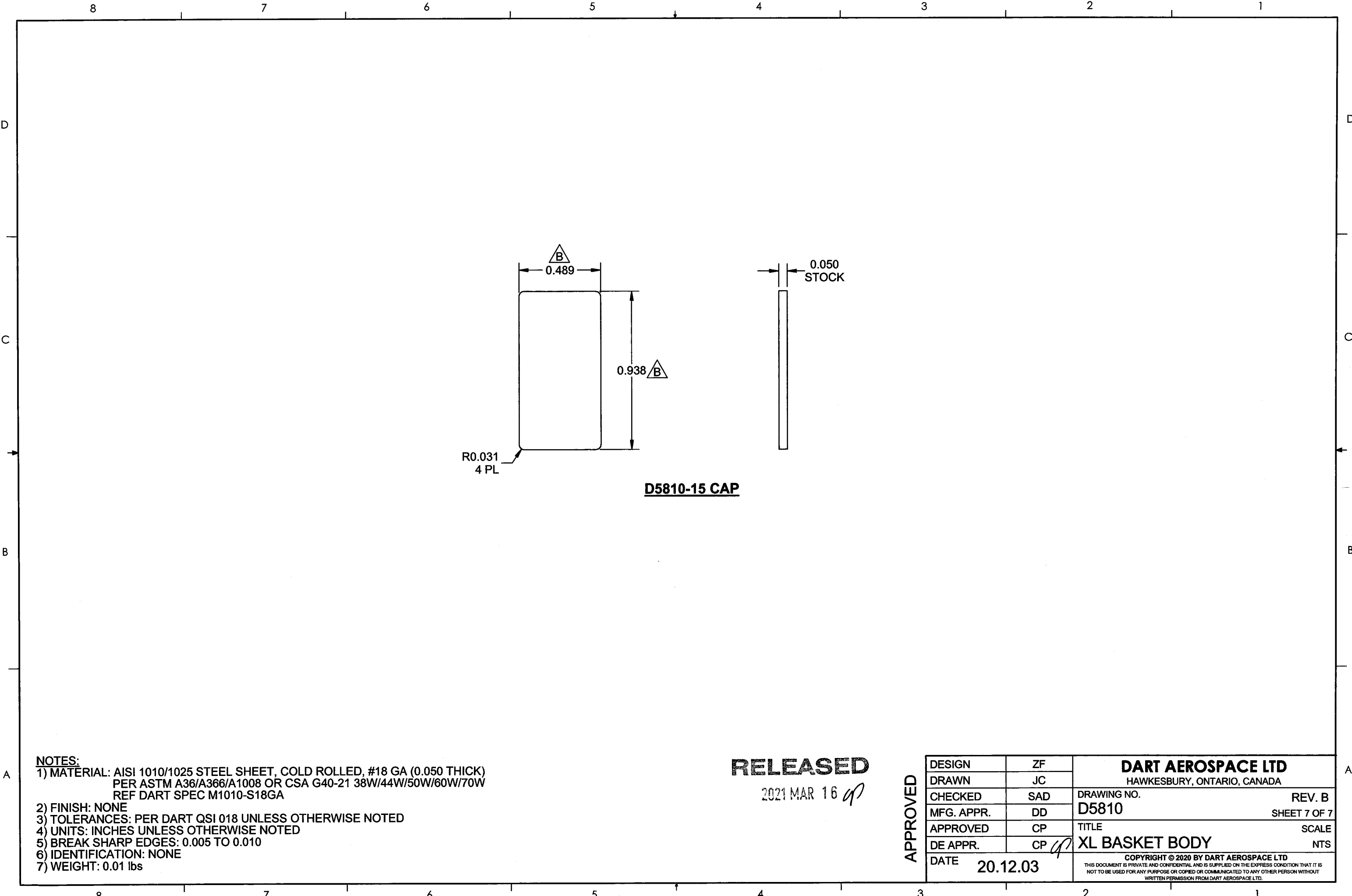
**RELEASED**

2021 MAR 16 *qf*

APPROVED

- NOTES:**
- 1) MATERIAL: CARBON STEEL EXPANDED METAL MESH 3/4-16F  
PER ASTM F1267 OR MIL-M-17194D  
REF DART SPEC M569EX0.75-16F
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: NONE
  - 7) WEIGHT: 19.60 lbs
  - 8) NOMINAL FINISHED SIZE SHOWN, CUT STOCK OVERSIZE AND TRIM ON ASSEMBLY

DESIGN	ZF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	JC		
CHECKED	SAD	DRAWING NO.	REV. B
MFG. APPR.	DD	<b>D5810</b>	SHEET 6 OF 7
APPROVED	CP	TITLE	SCALE
DE APPR.	CP <i>qf</i>	<b>XL BASKET BODY</b>	NTS
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NOTES:

- 1) MATERIAL: AISI 1010/1025 STEEL SHEET, COLD ROLLED, #18 GA (0.050 THICK)  
PER ASTM A36/A366/A1008 OR CSA G40-21 38W/44W/50W/60W/70W  
REF DART SPEC M1010-S18GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.01 lbs

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2021 MAR 16 *CP*

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DESIGN	ZF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	JC		
CHECKED	SAD	DRAWING NO.	REV. B
MFG. APPR.	DD	D5810	SHEET 7 OF 7
APPROVED	CP	TITLE	SCALE
DE APPR.	CP <i>CP</i>	XL BASKET BODY	NTS
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